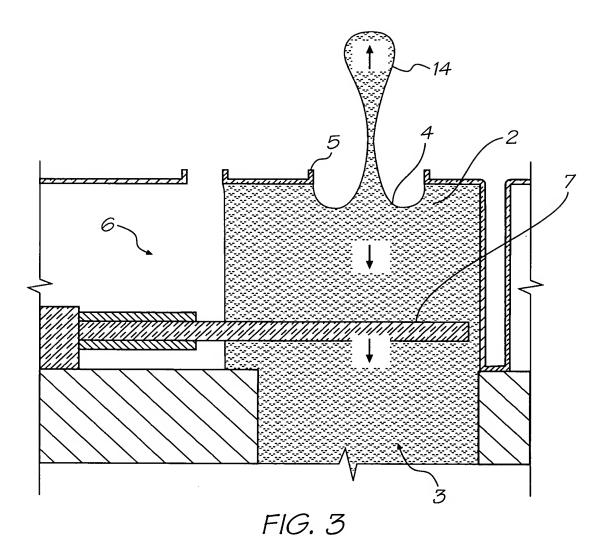
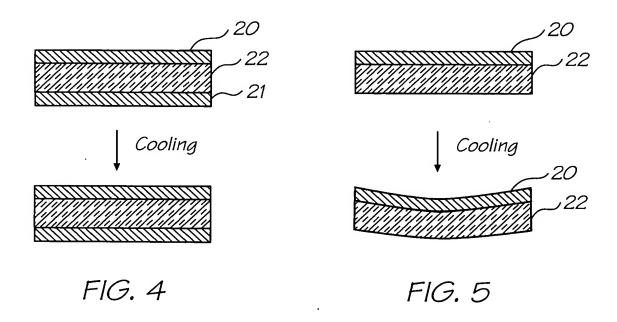


FIG. 2





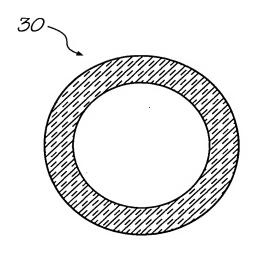


FIG. 6

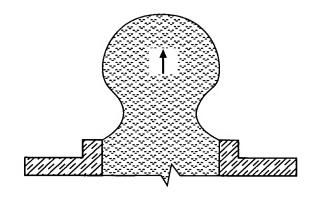


FIG. 7

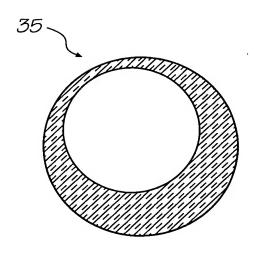


FIG. 8

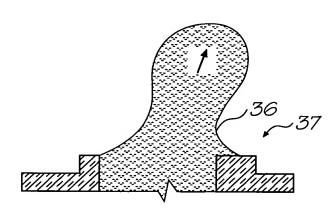
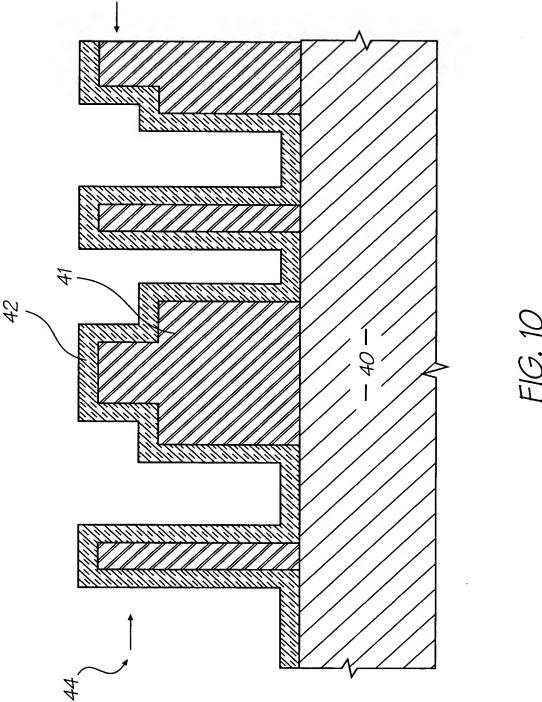


FIG. 9



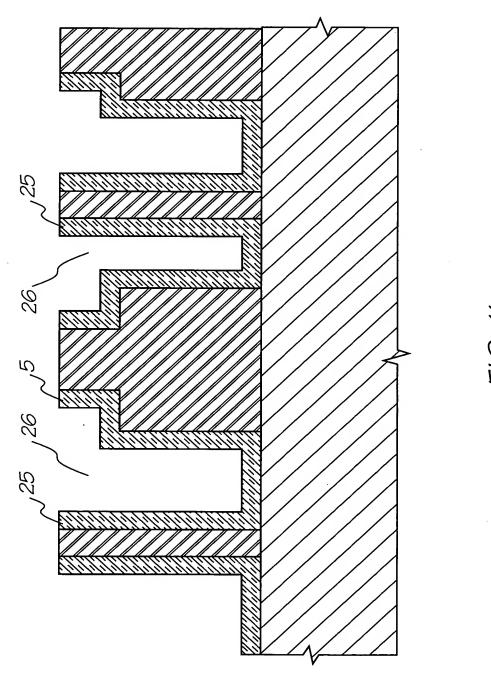


FIG. 11

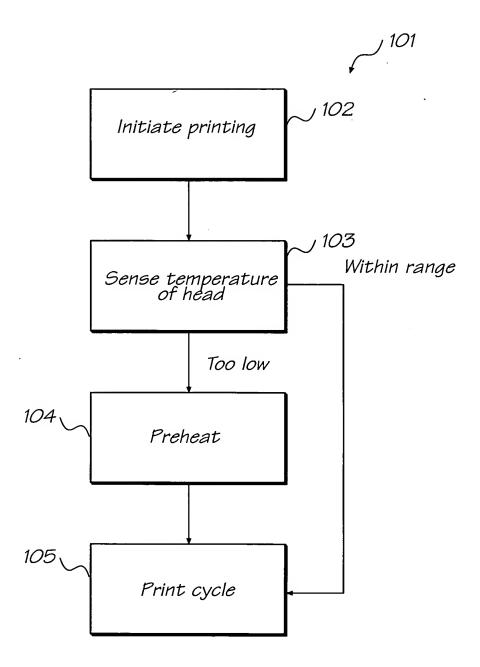
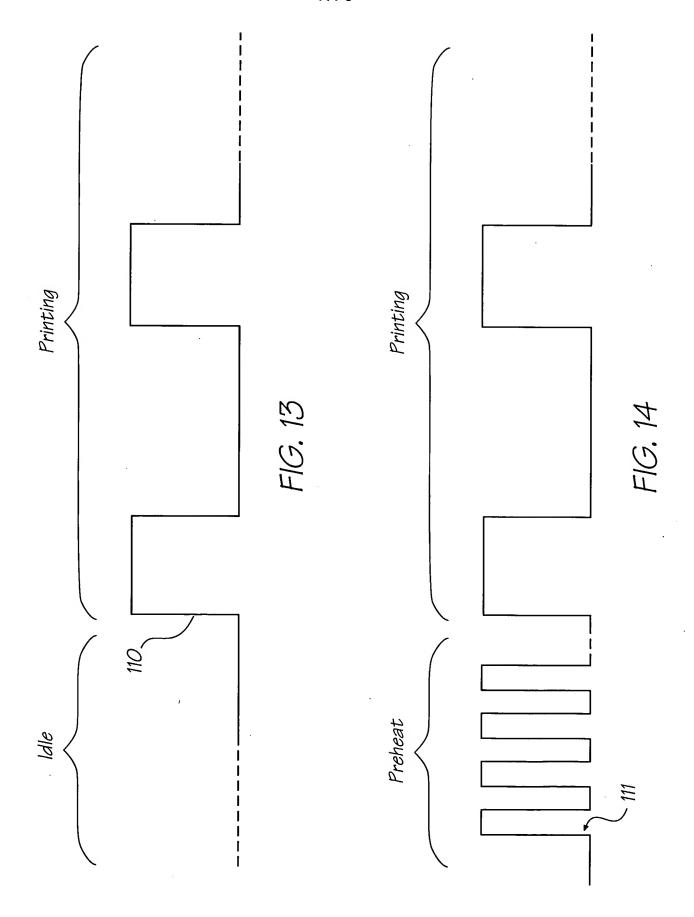
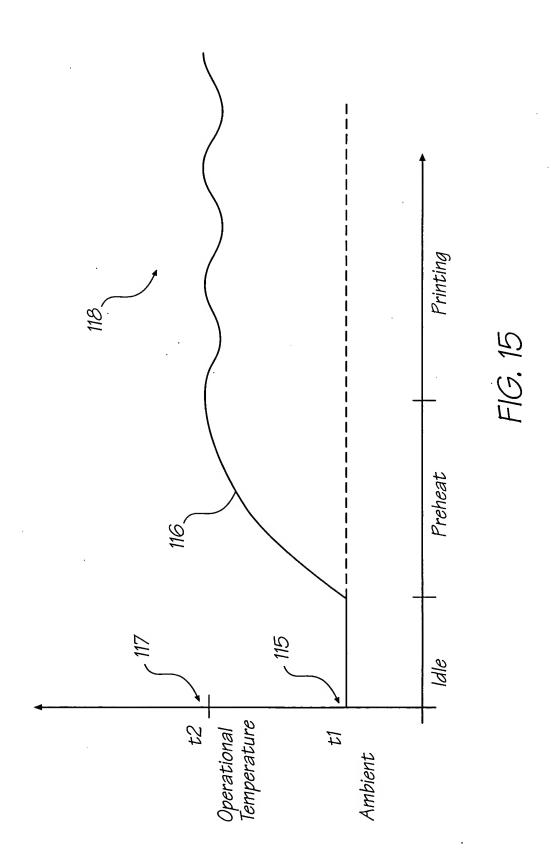
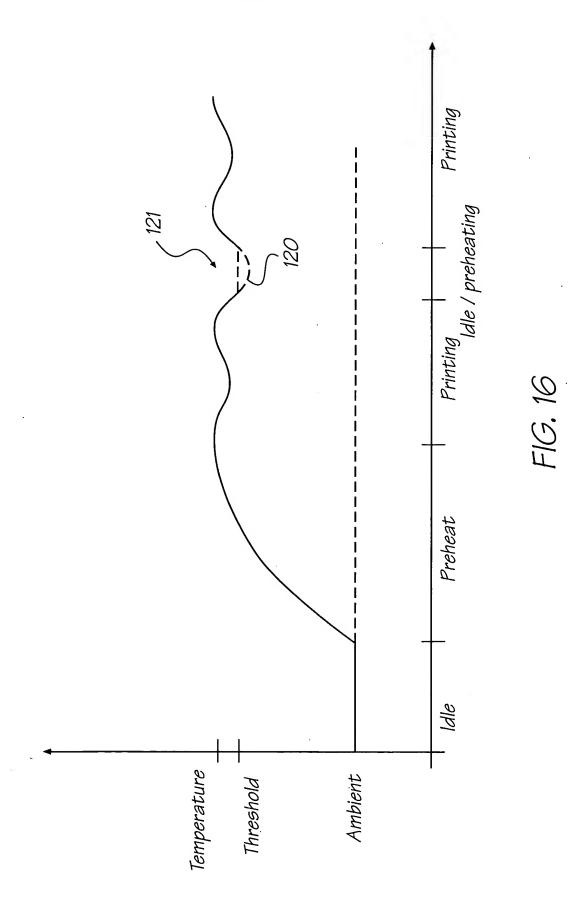


FIG. 12







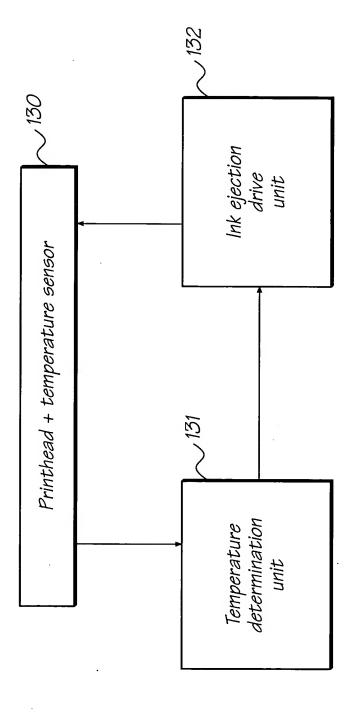
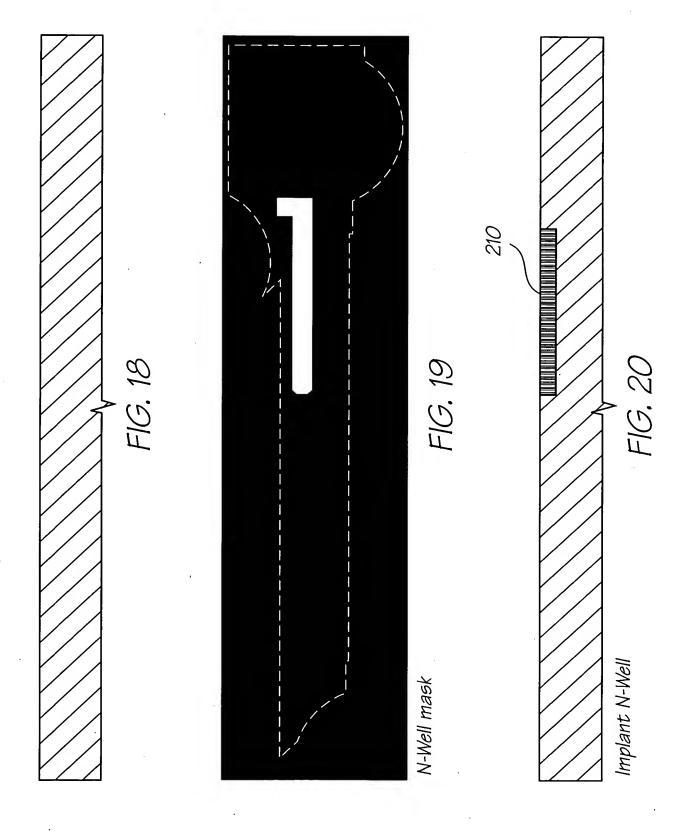


FIG. 17



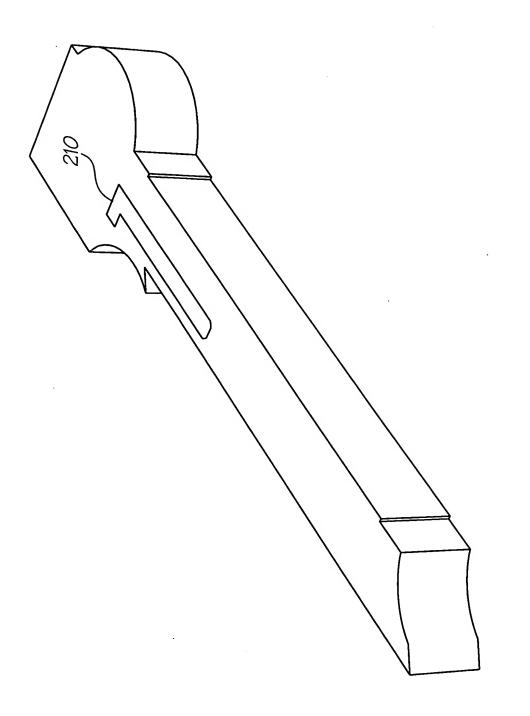
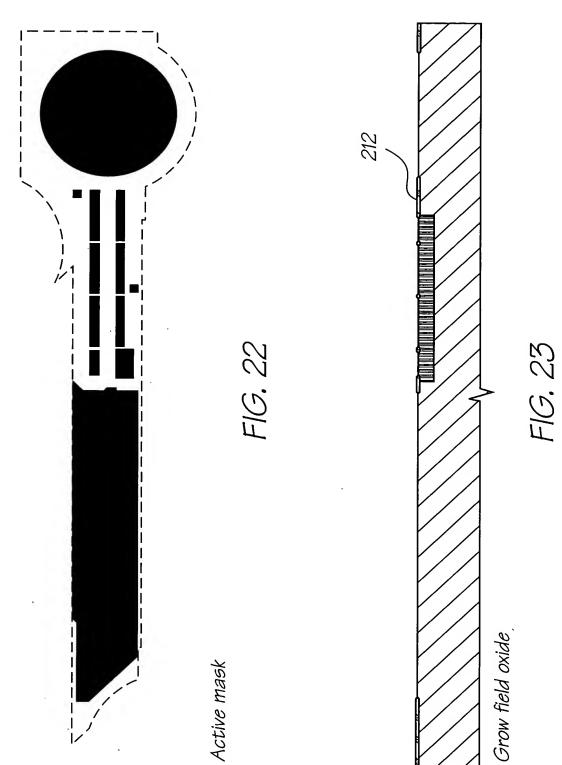


FIG. 21



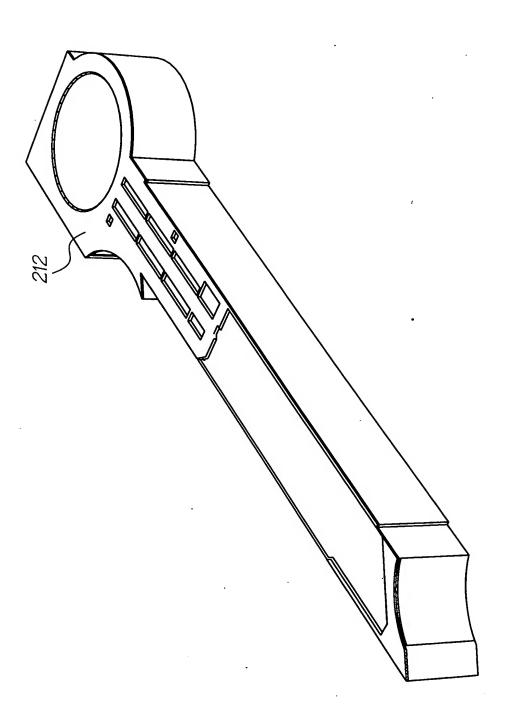
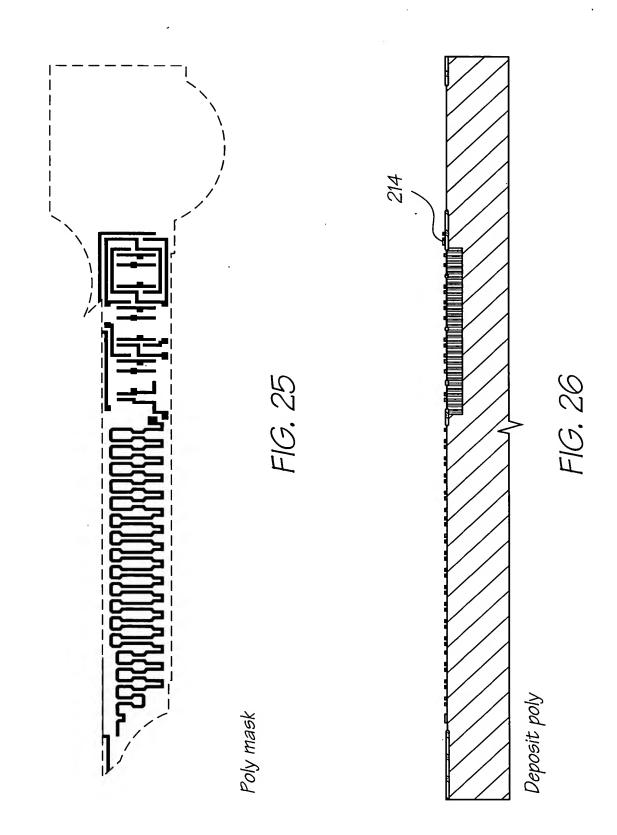


FIG. 24



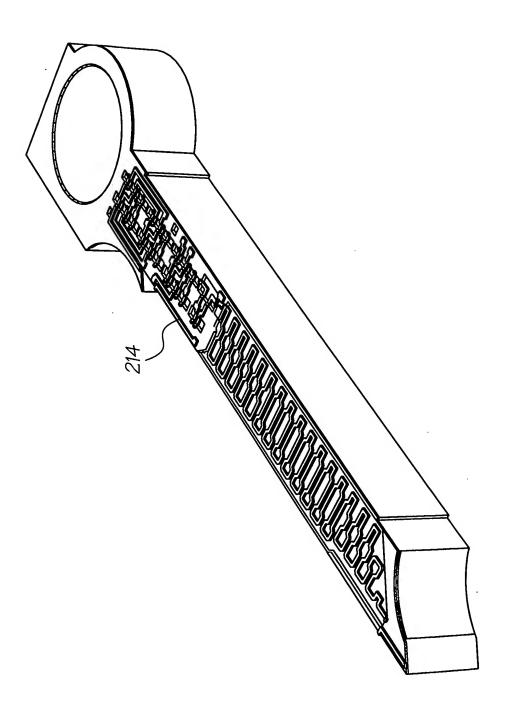
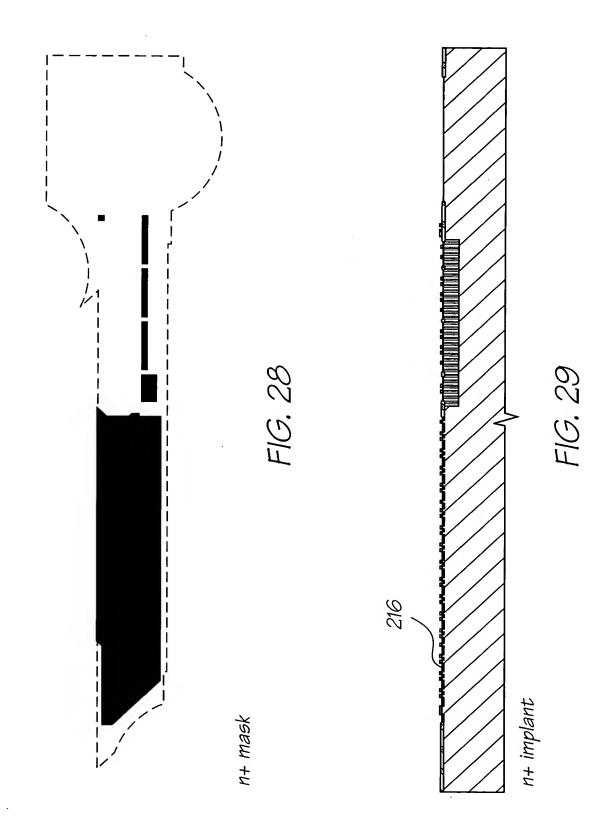


FIG. 27



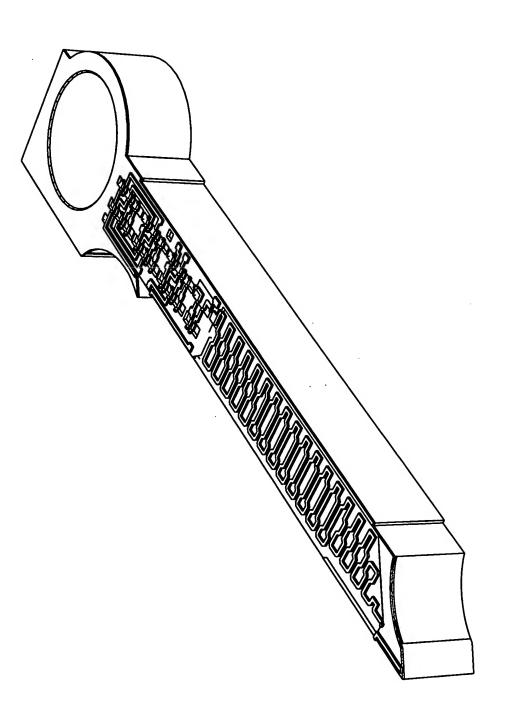
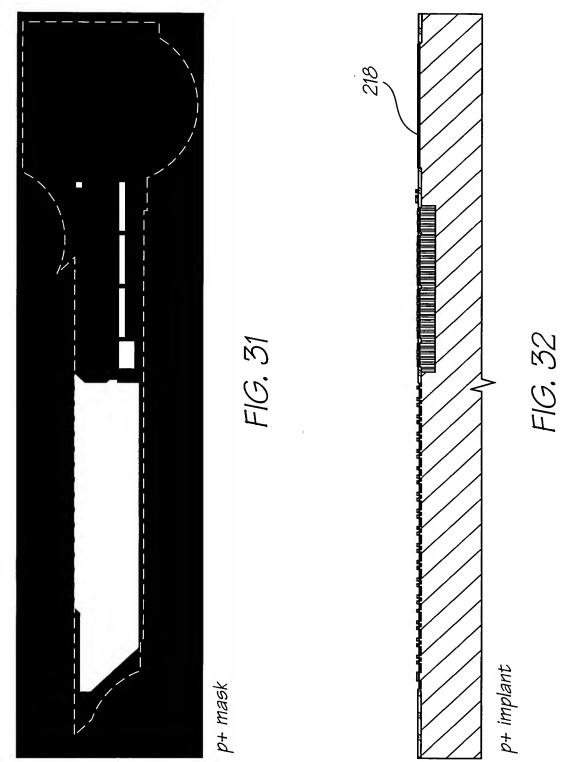


FIG. 30



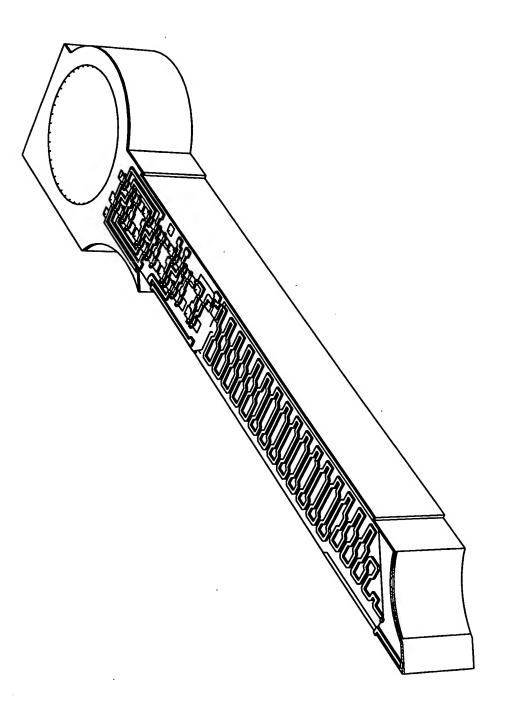


FIG. 33

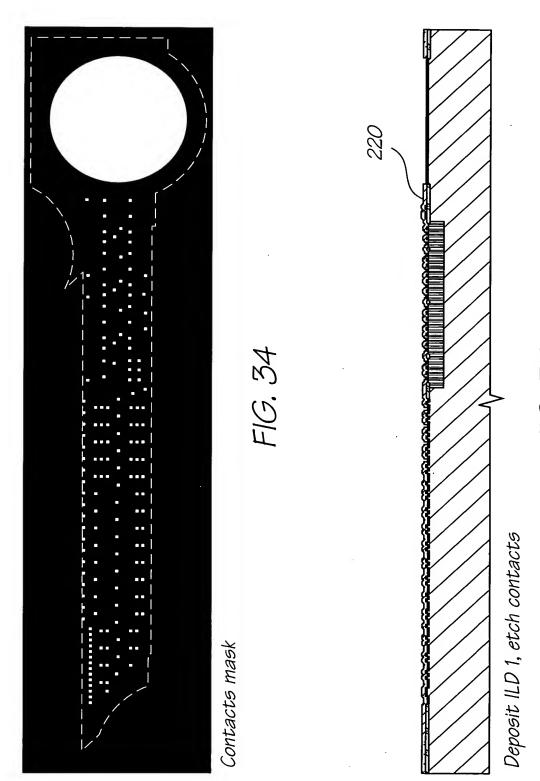


FIG. 35

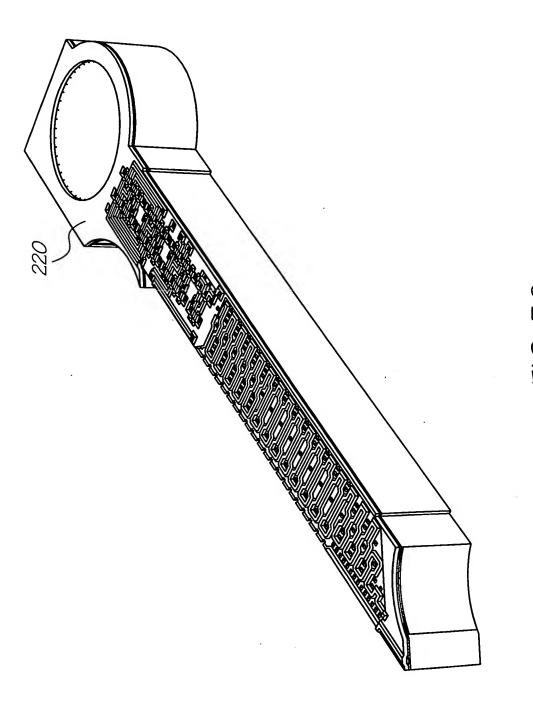
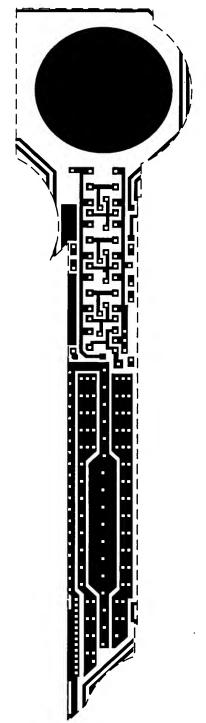
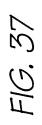
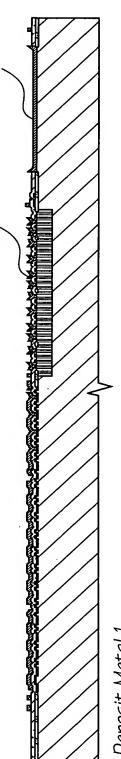


FIG. 36



Metal 1 mask





225

224

Deposit Metal 1

FIG. 38

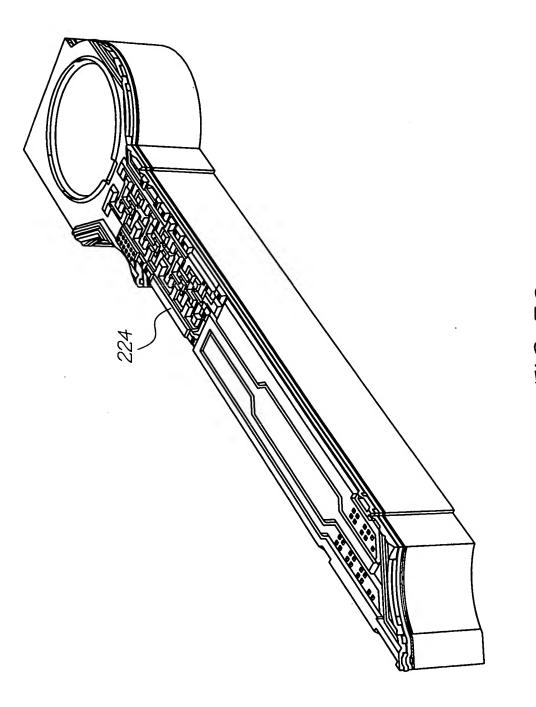
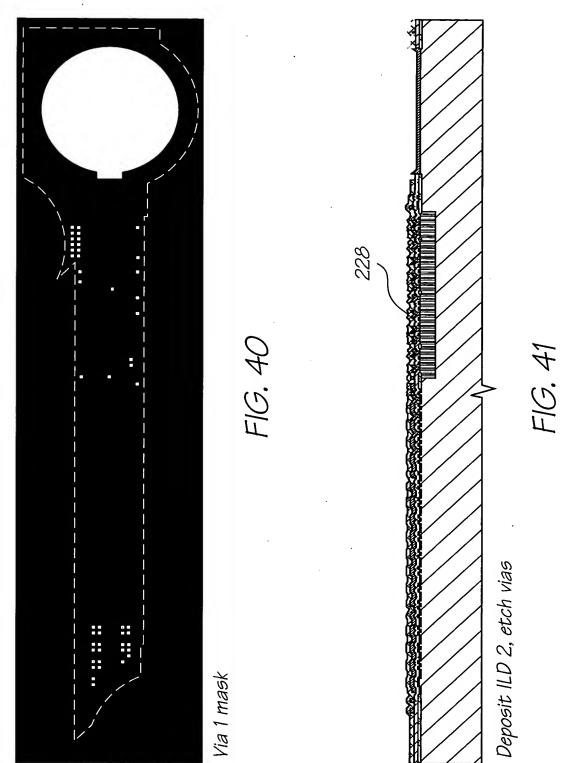
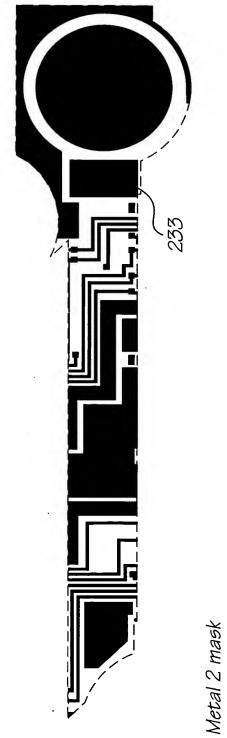
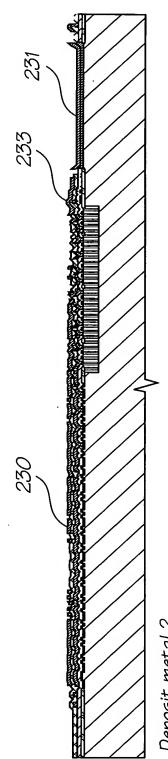


FIG. 53

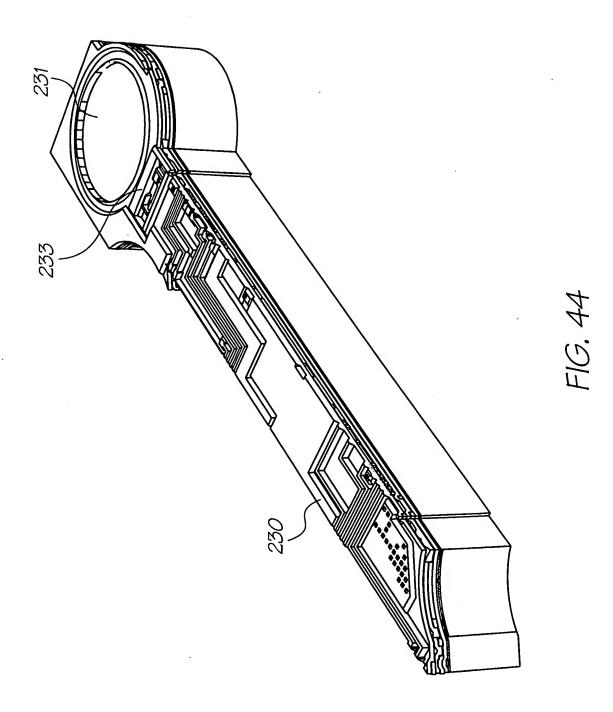


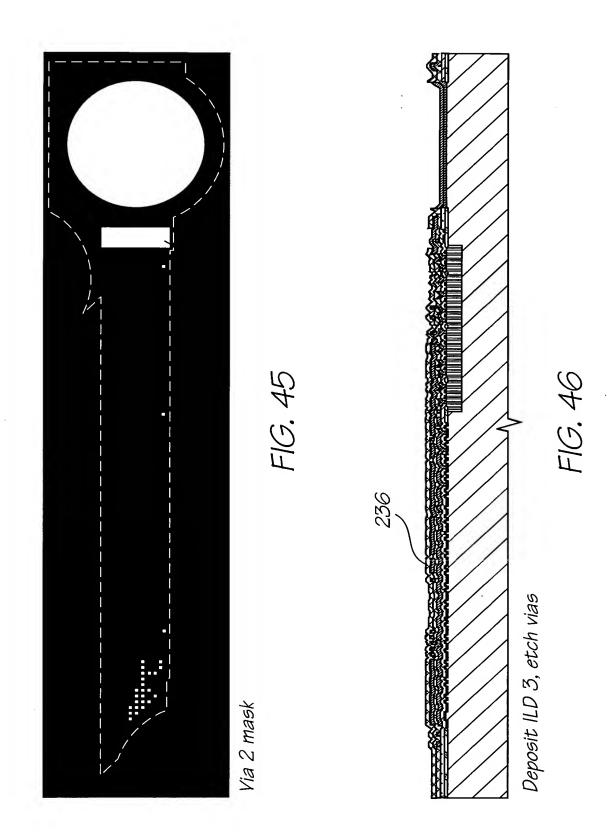


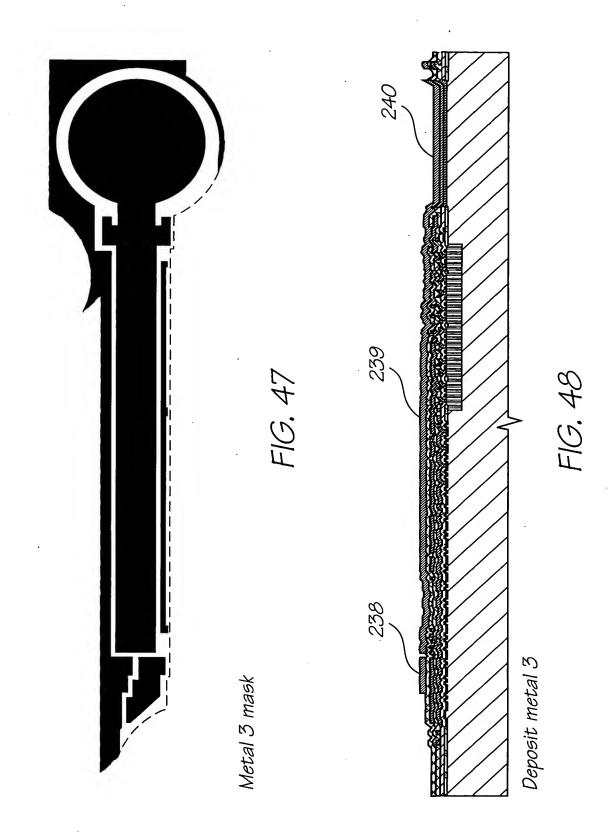


Deposit metal 2

FIG. 43







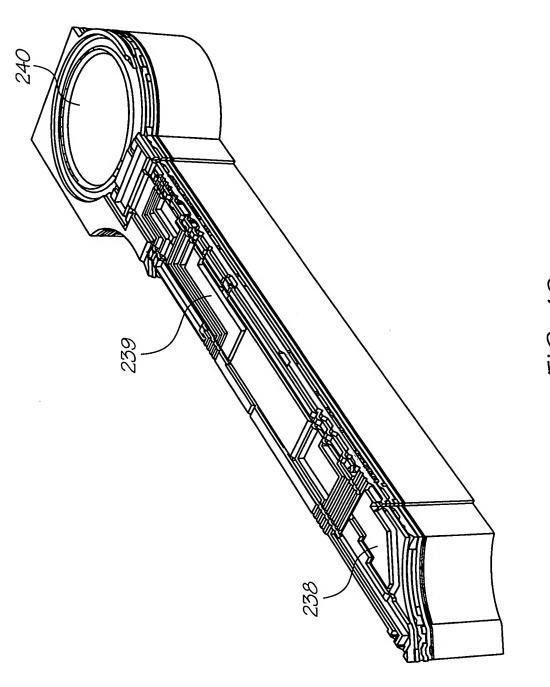
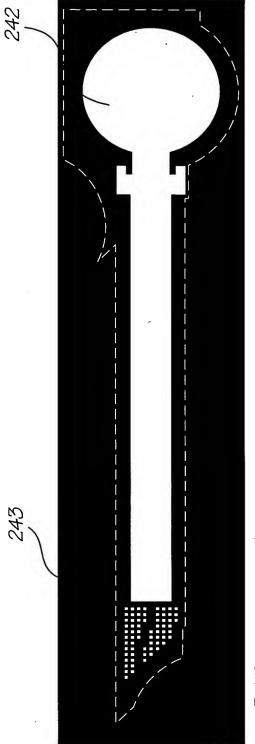
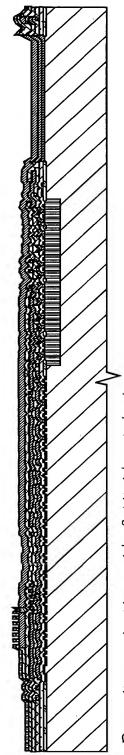


FIG. 49



Via 3 / Passivation mask

FIG. 50



Deposit passivation oxide & nitride, etch vias

FIG. 51

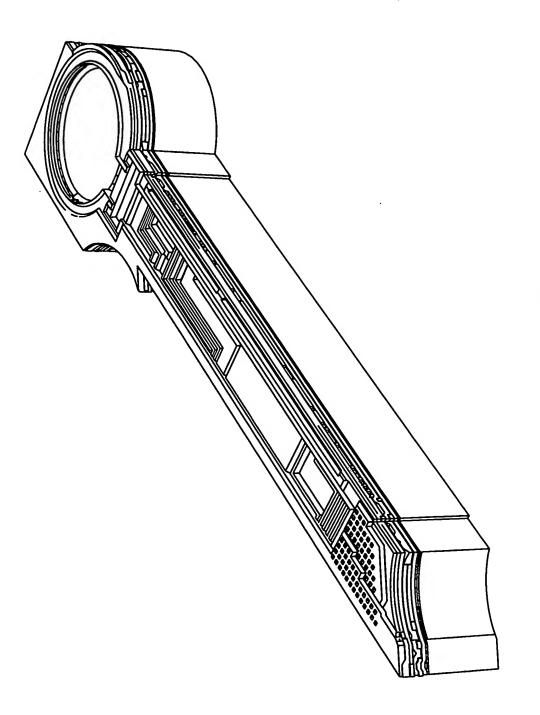
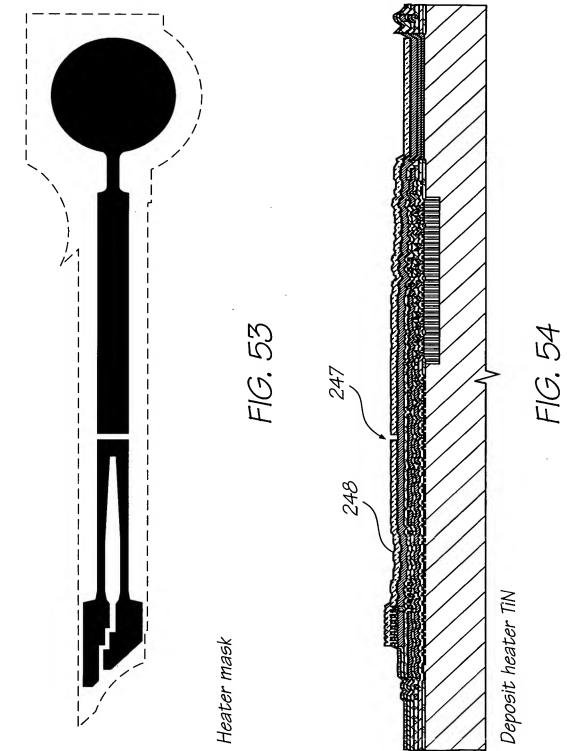


FIG. 52



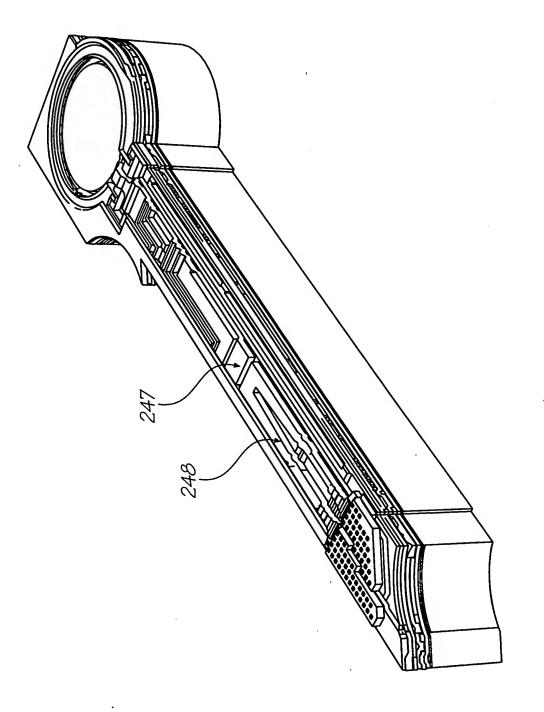
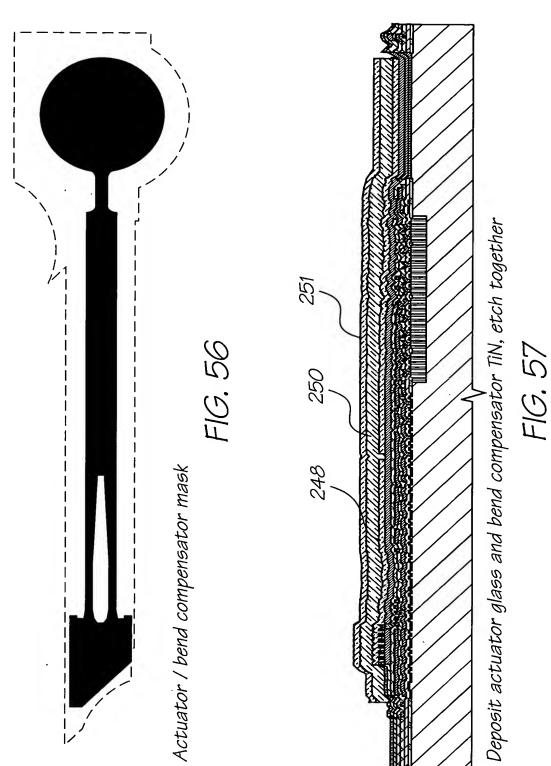


FIG. 55



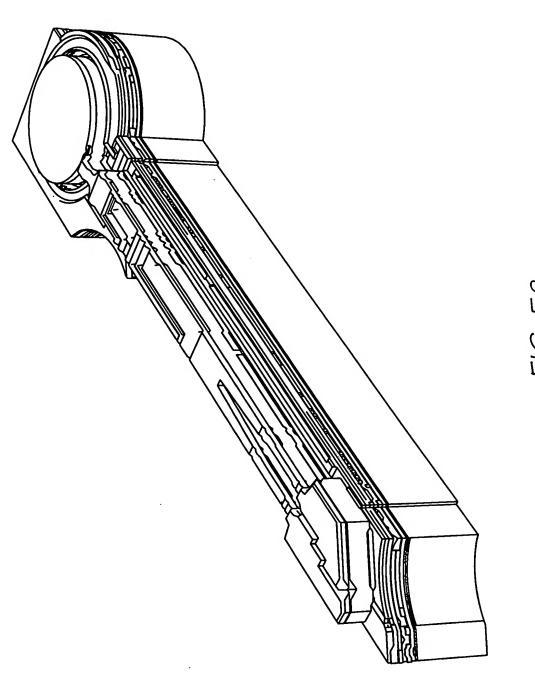
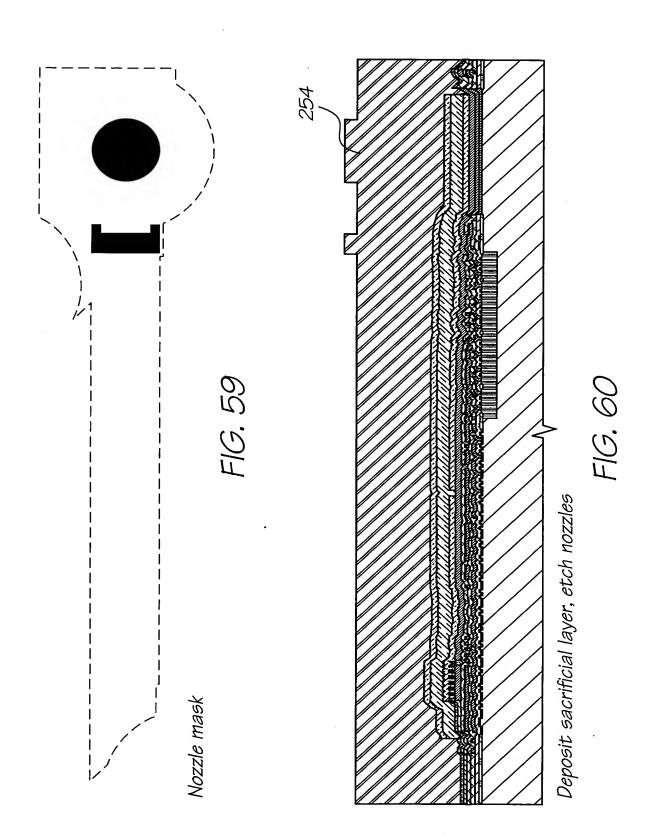
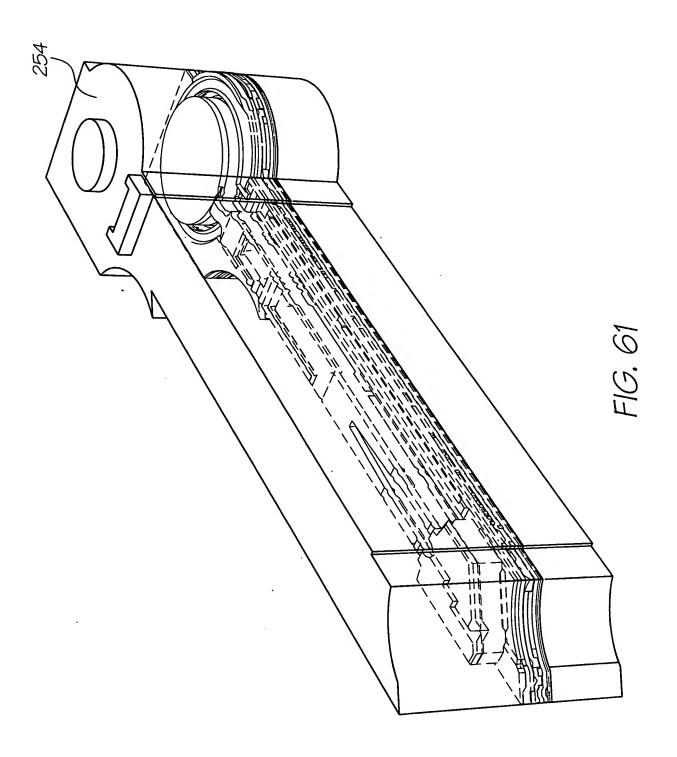
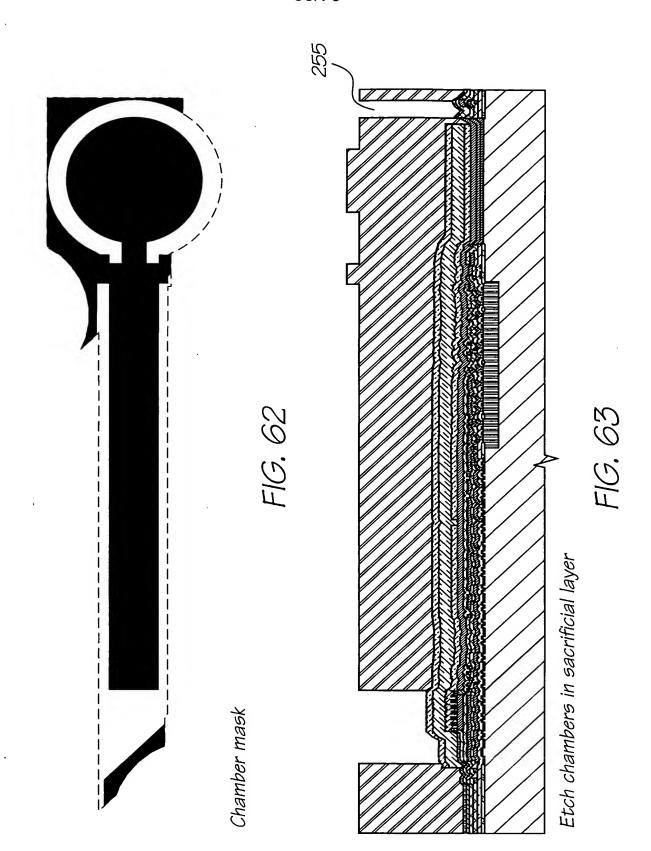
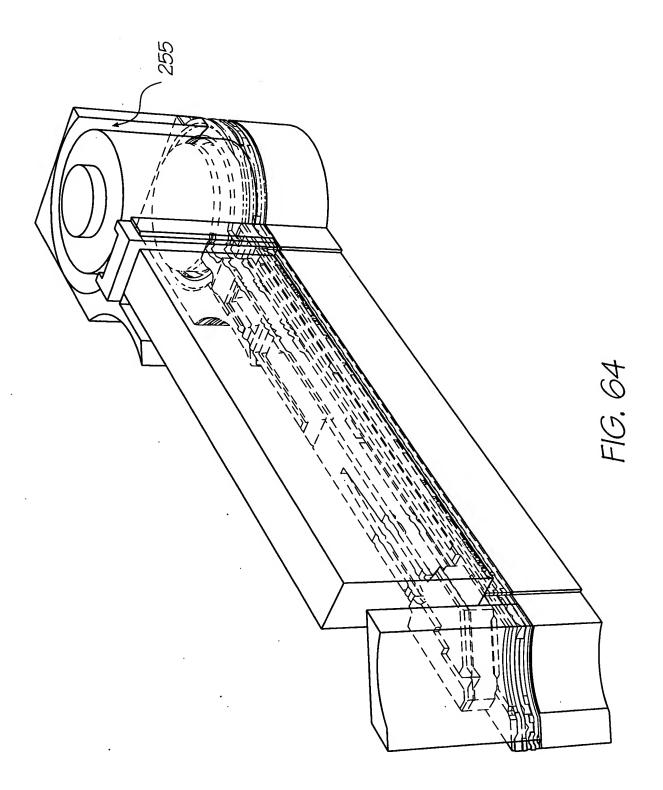


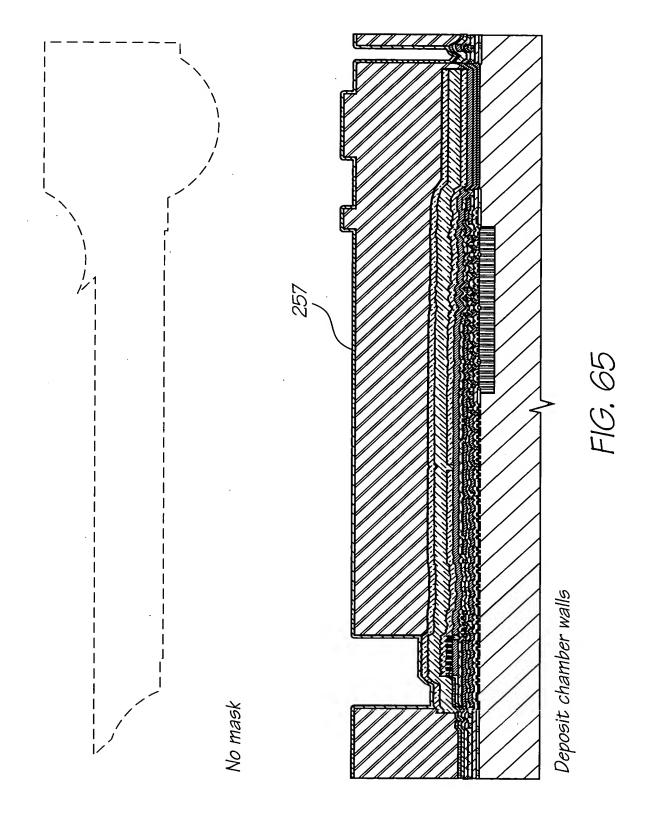
FIG. 55

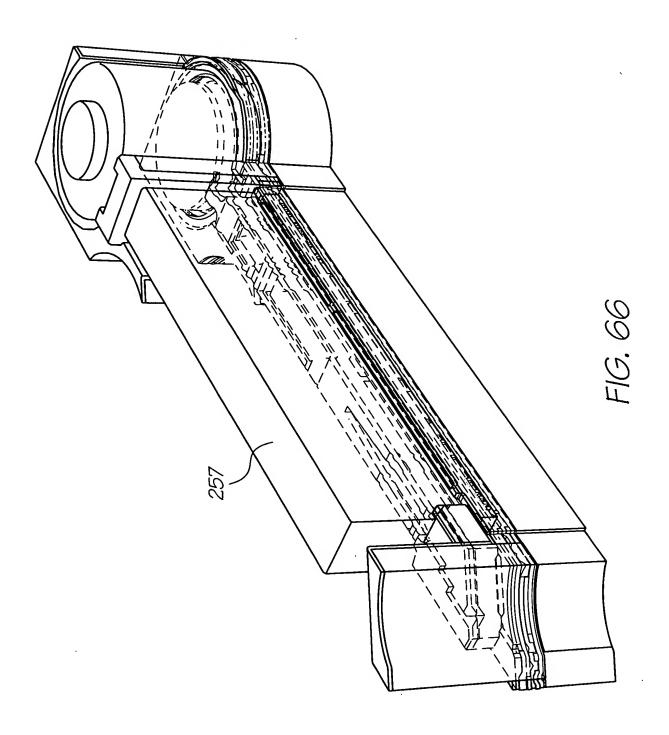


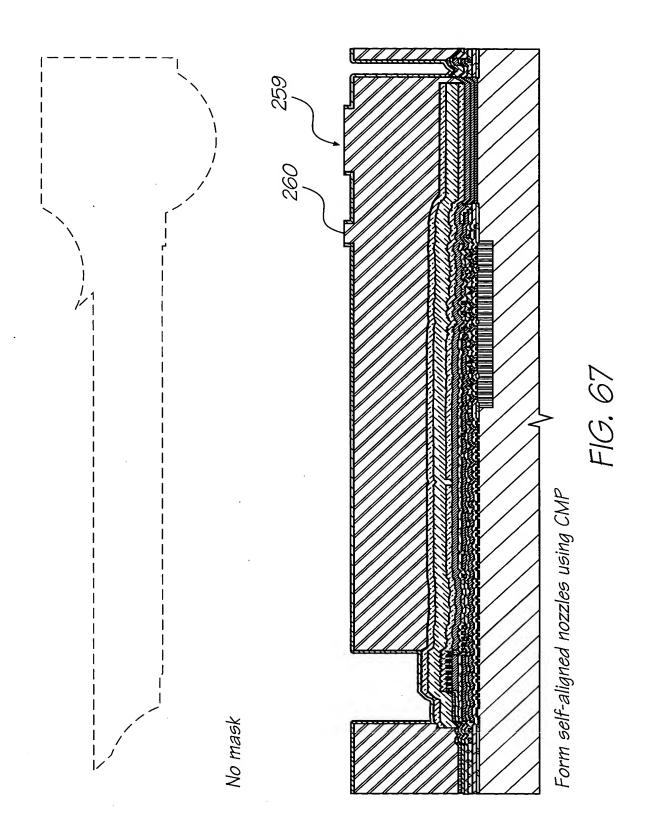


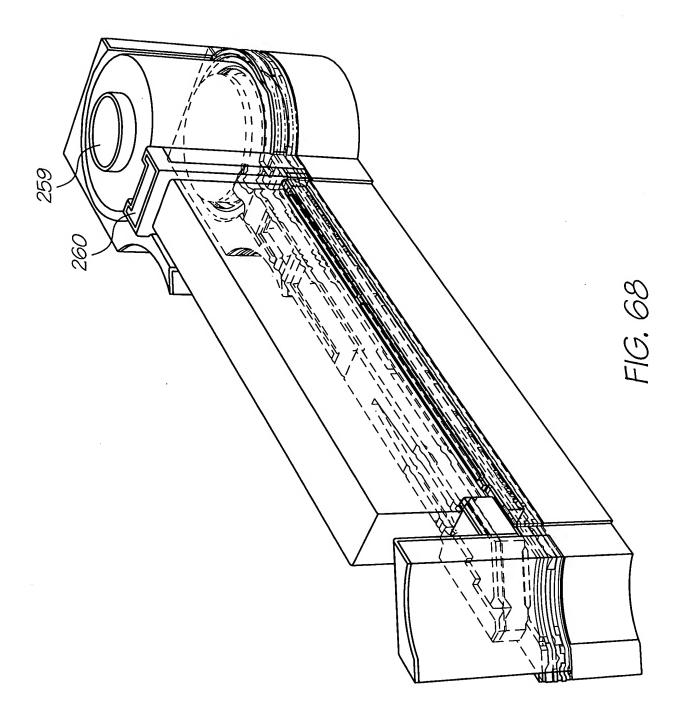


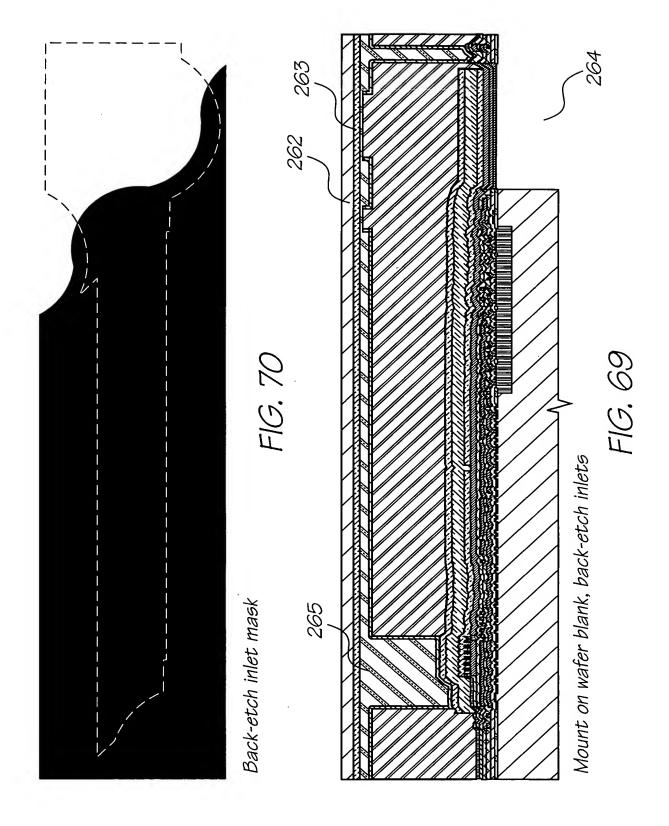


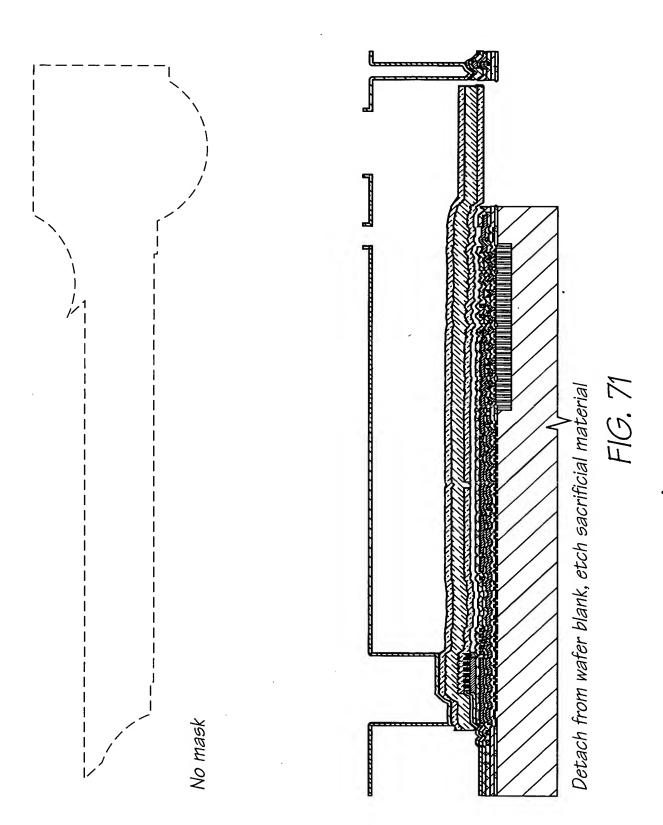


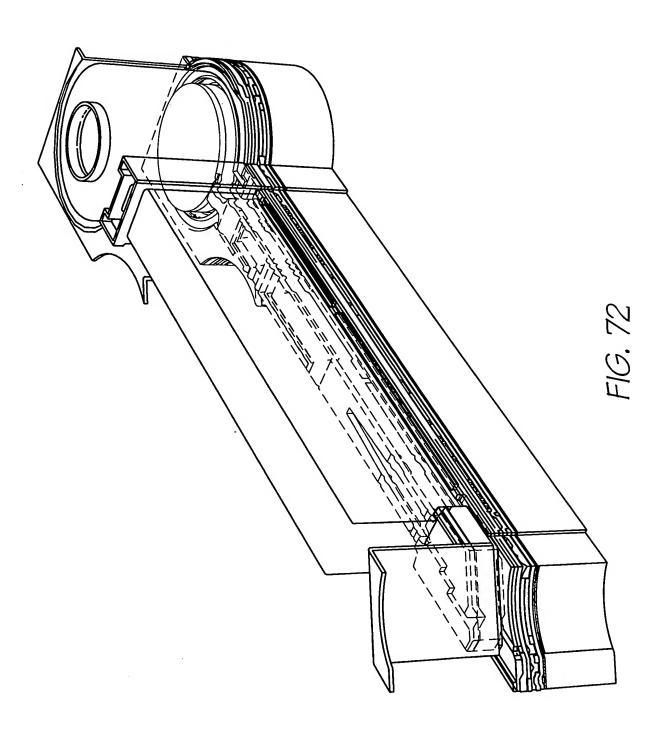


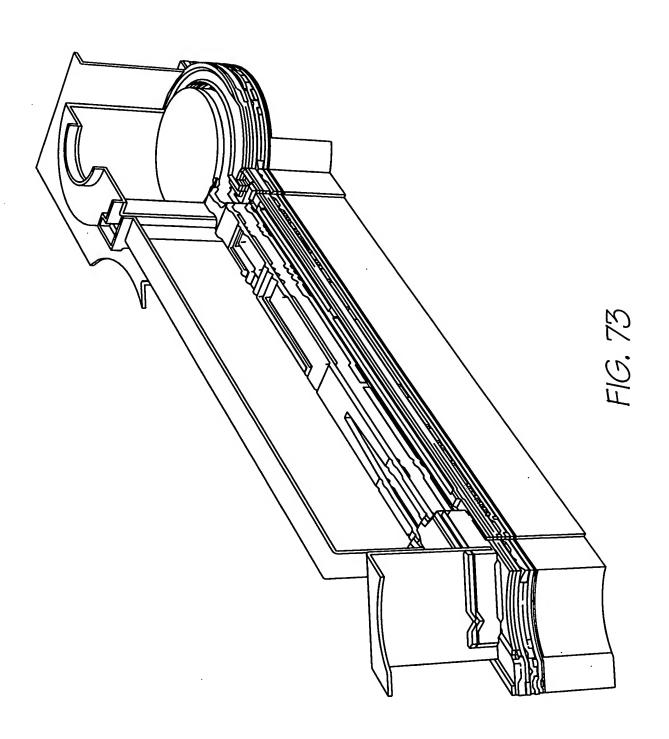


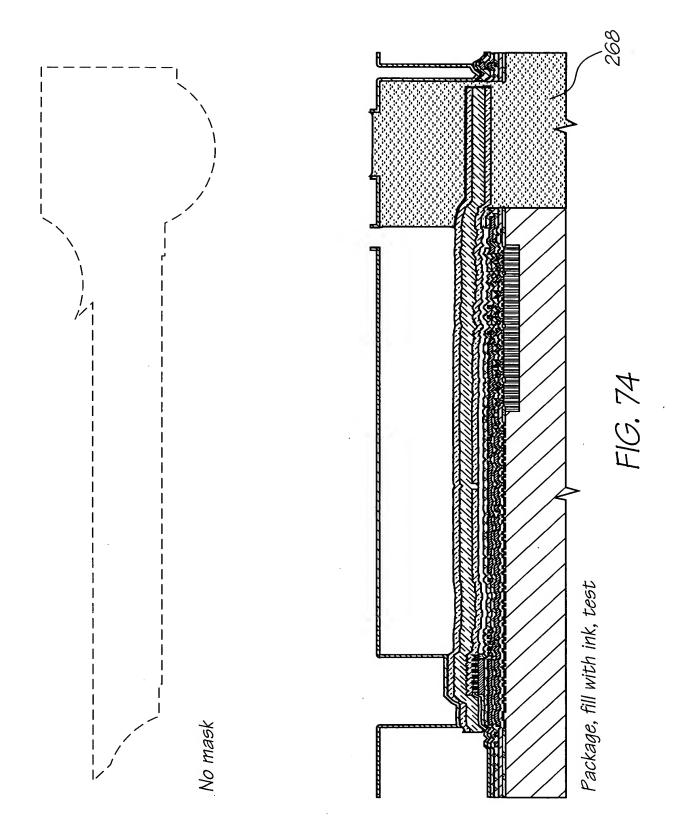


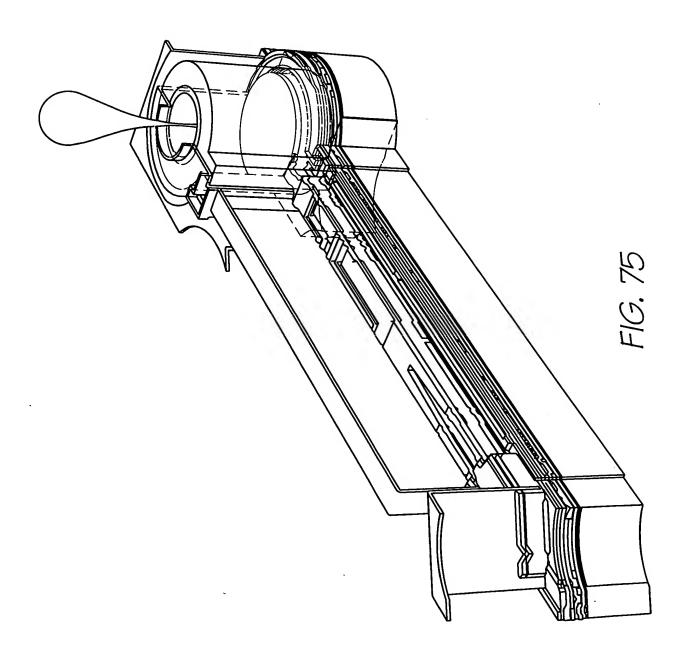


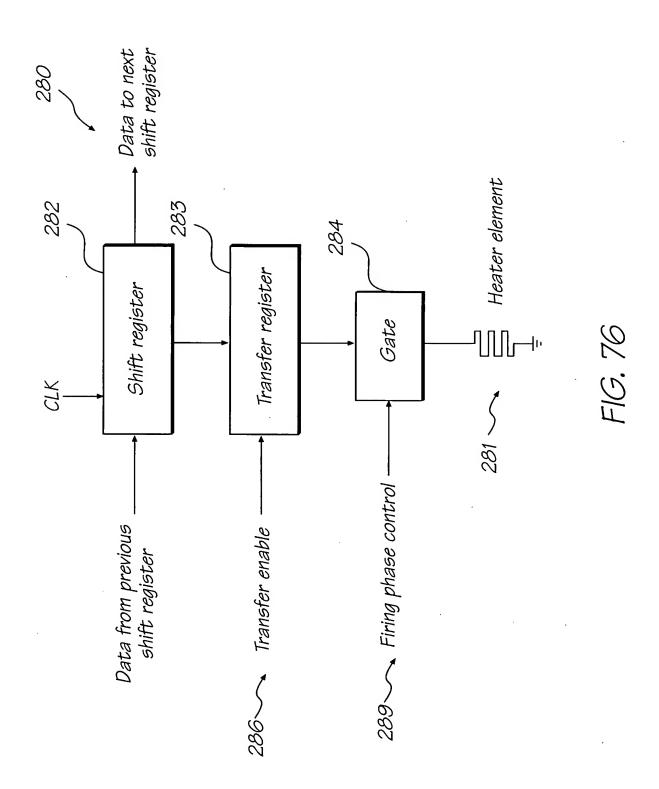












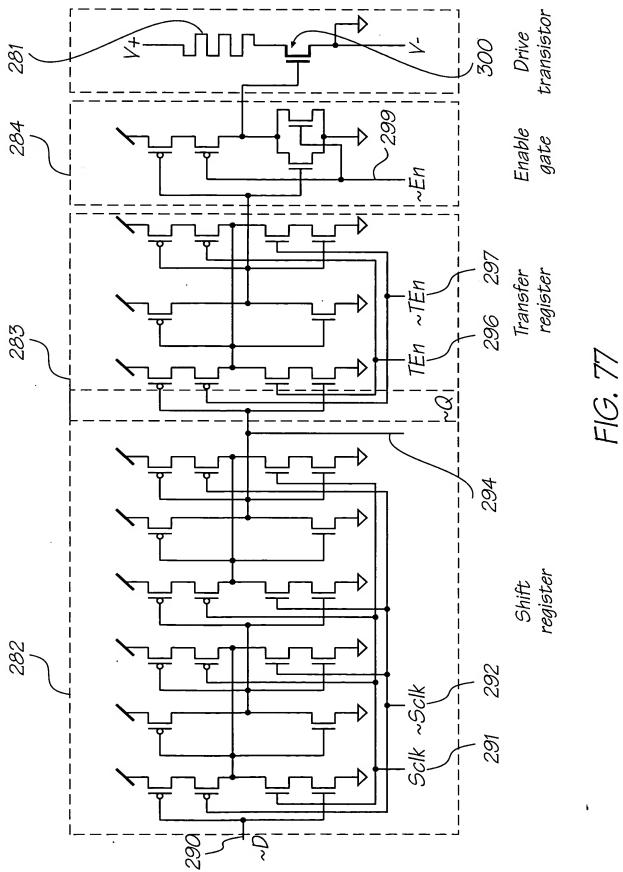


FIG. 78

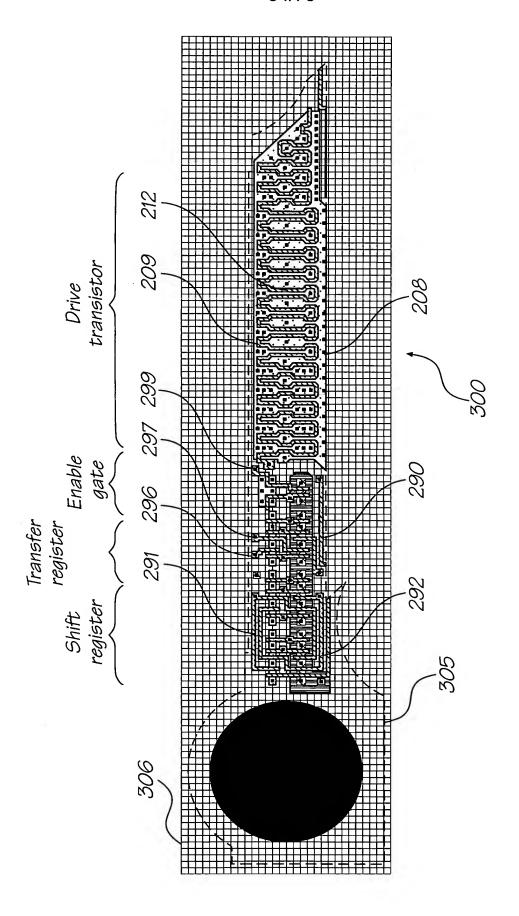


FIG. 79

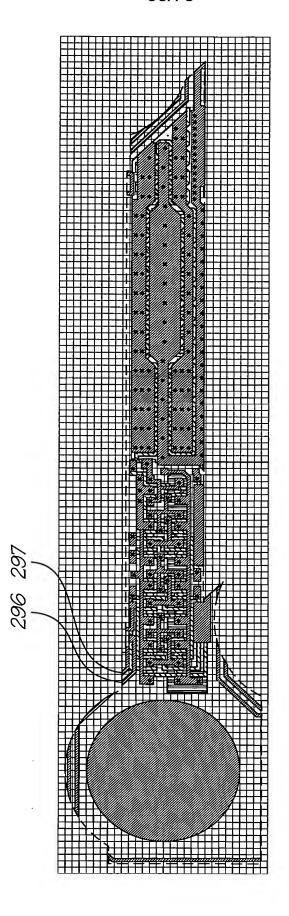
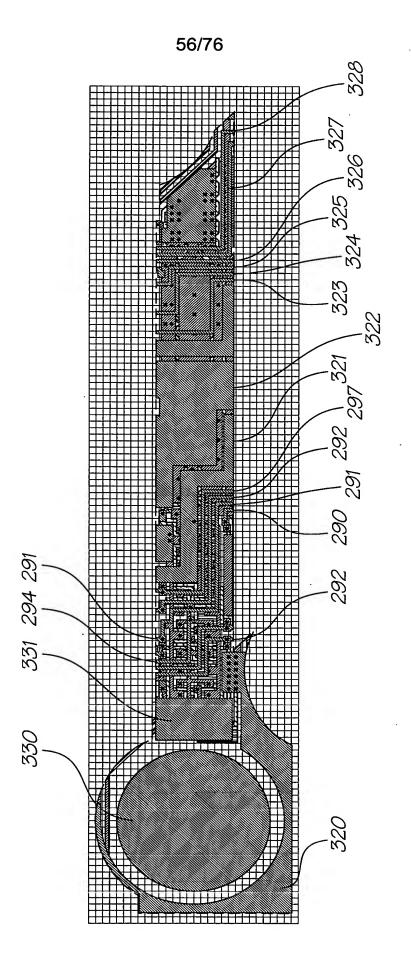


FIG. 80



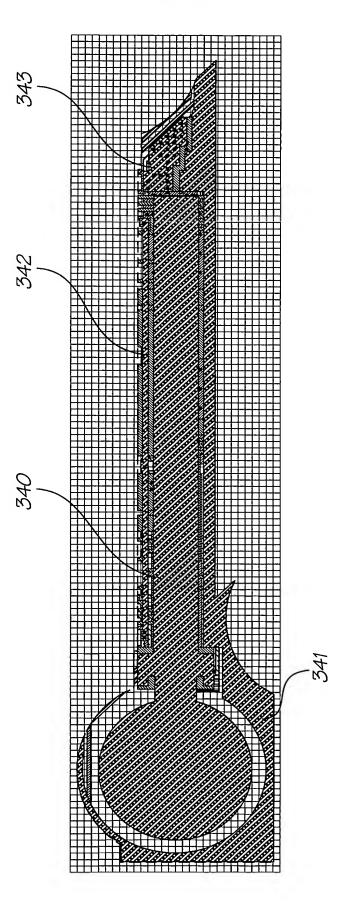


FIG. 82

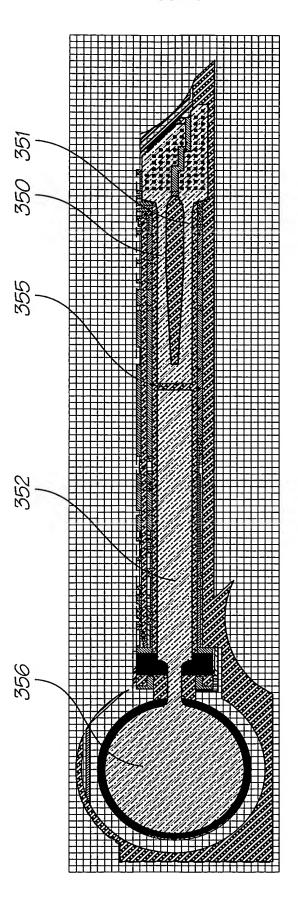


FIG. 83

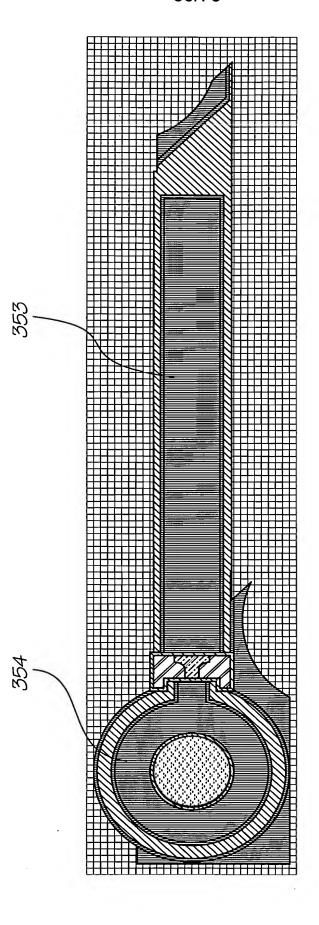
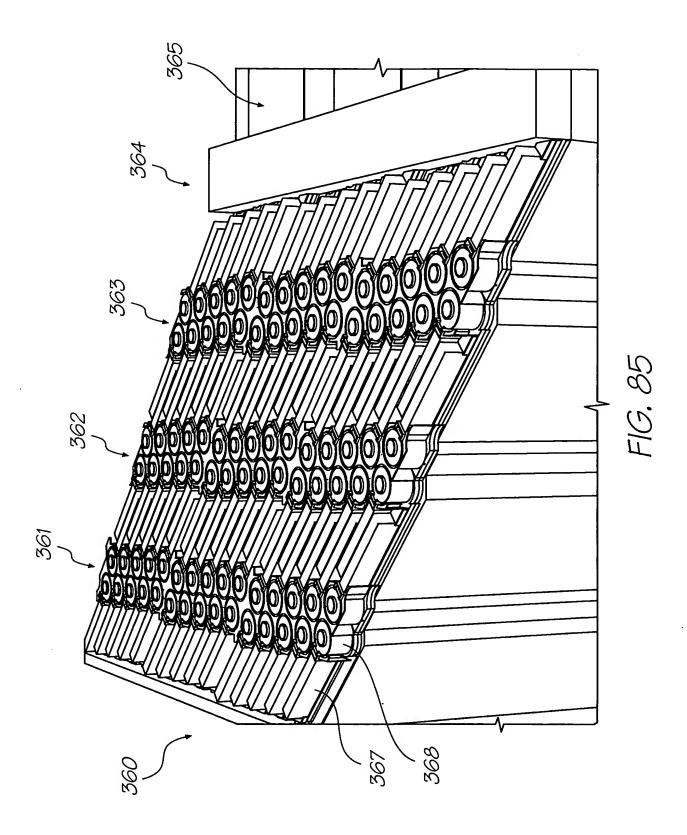


FIG. 84



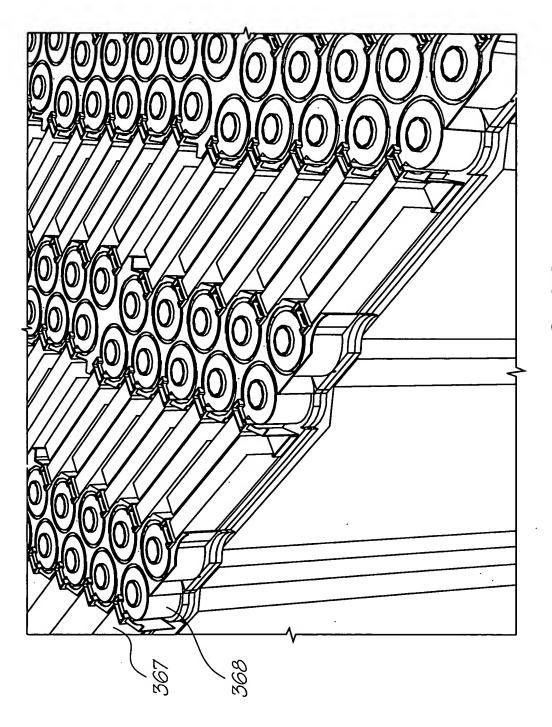


FIG. 86

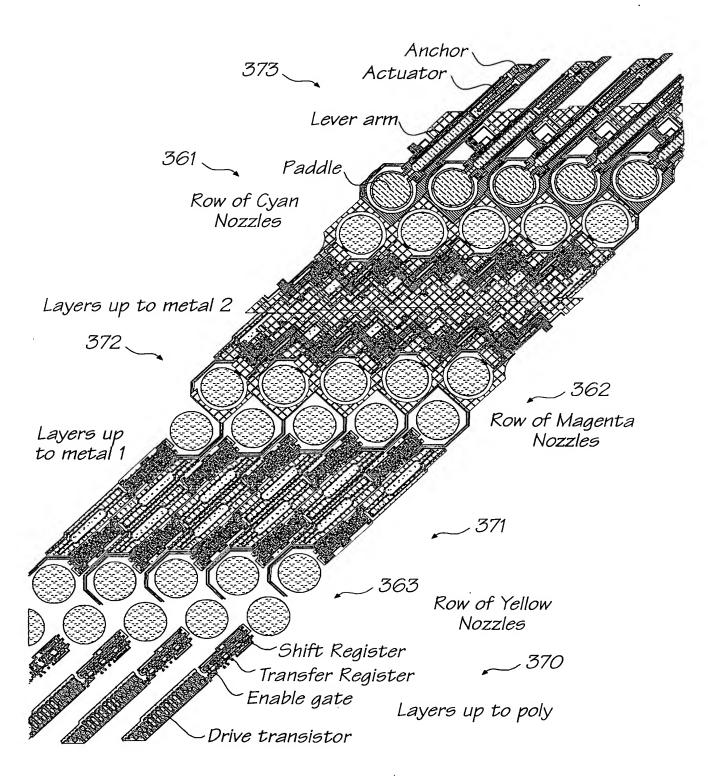
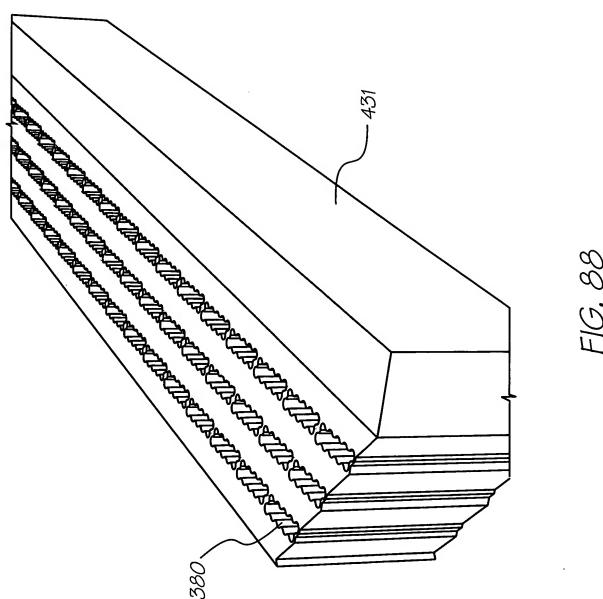
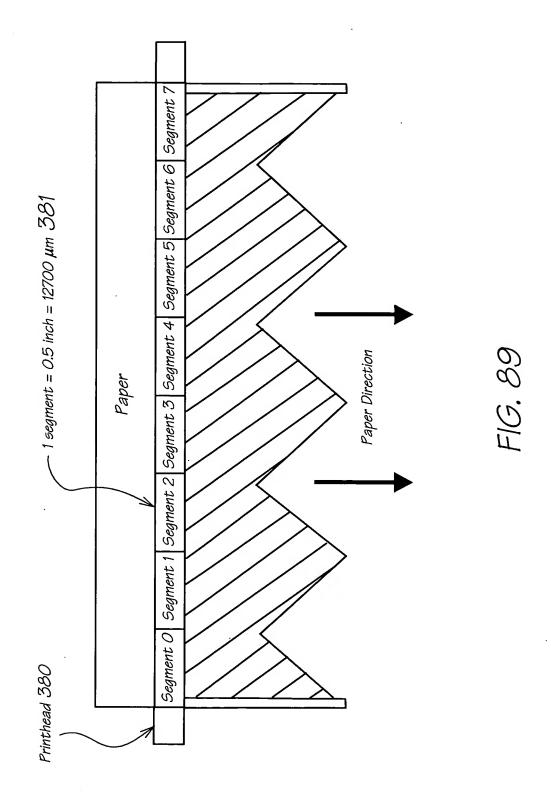
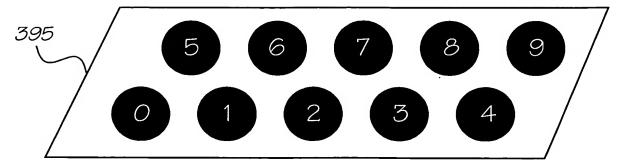


FIG. 87







A single pod, numbered by firing order

FIG. 90

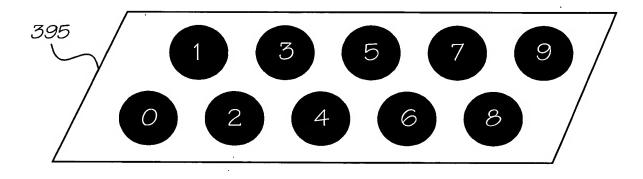
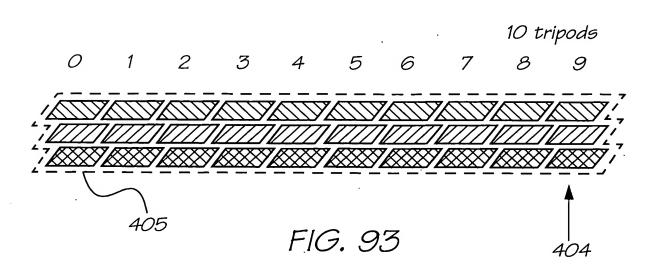


FIG. 91



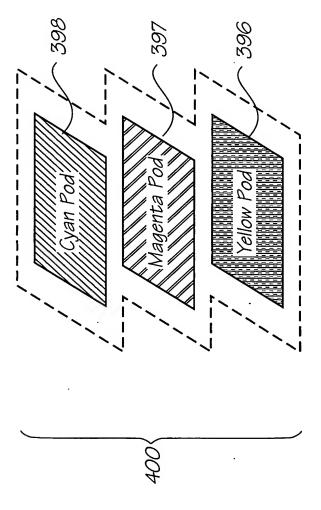


FIG. 92

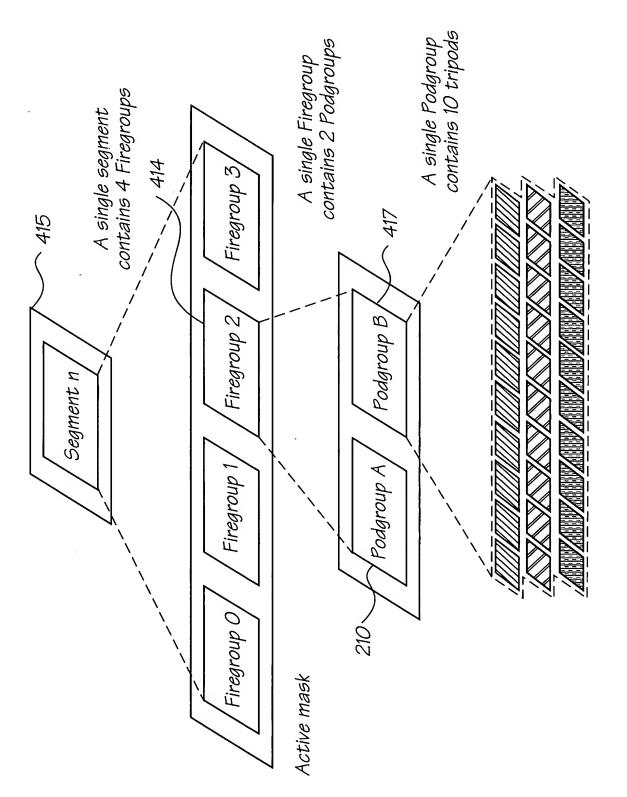


FIG. 94

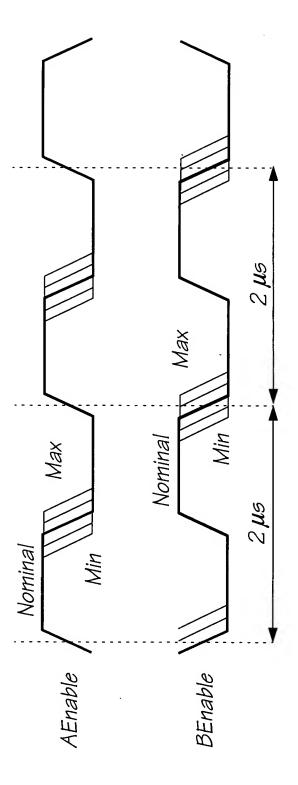
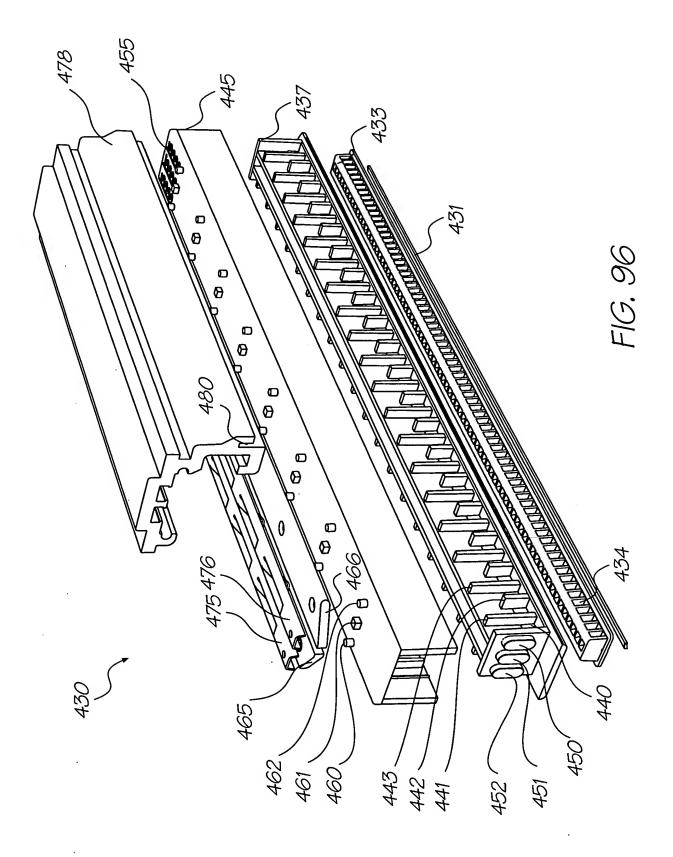


FIG. 95



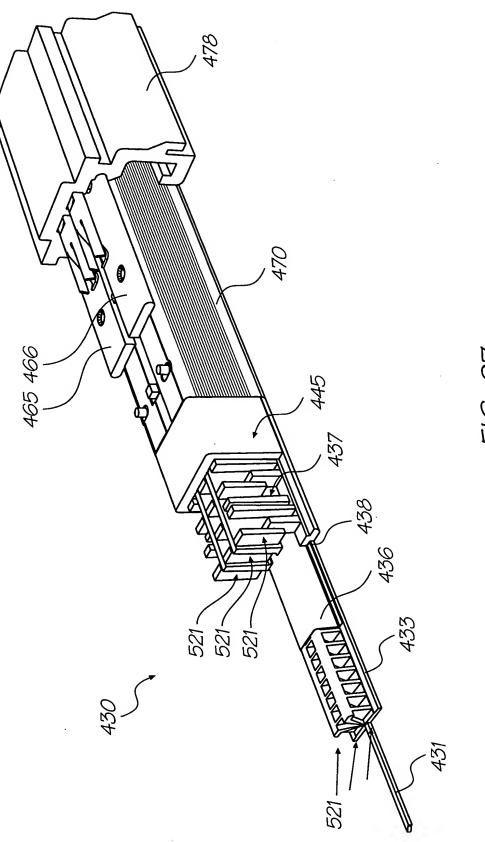
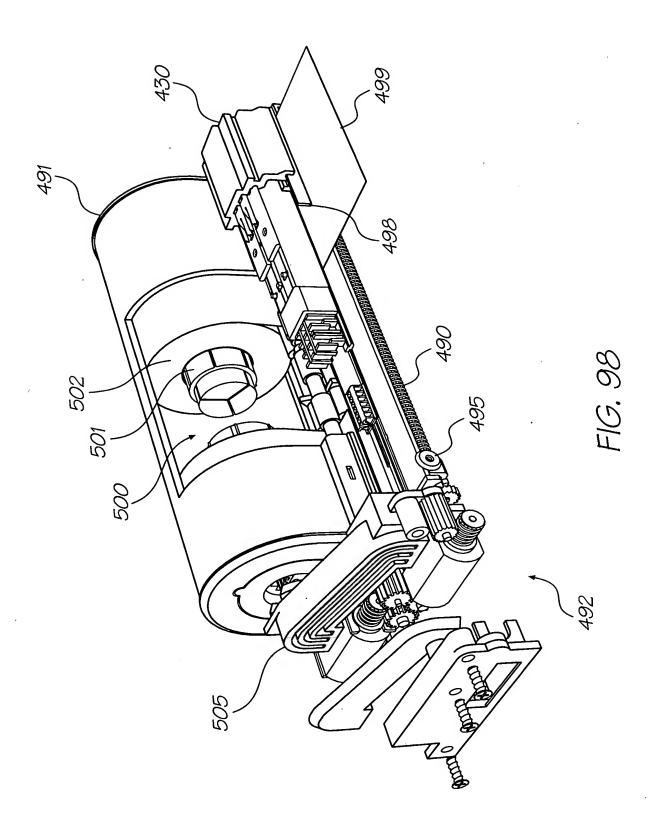
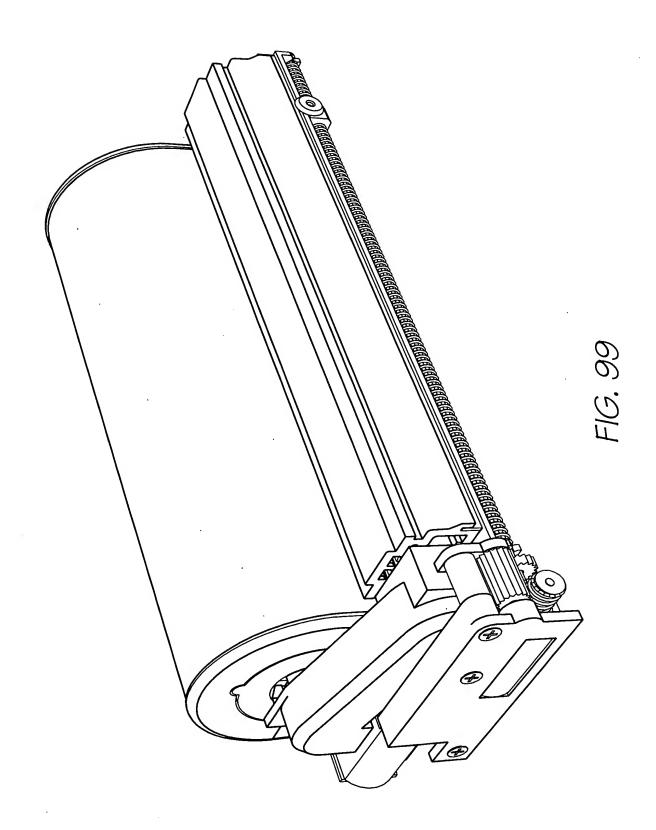


FIG. 97





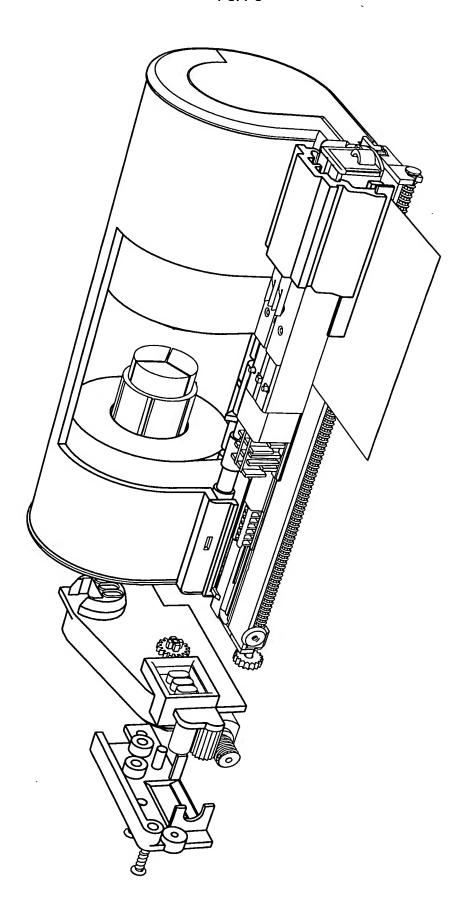
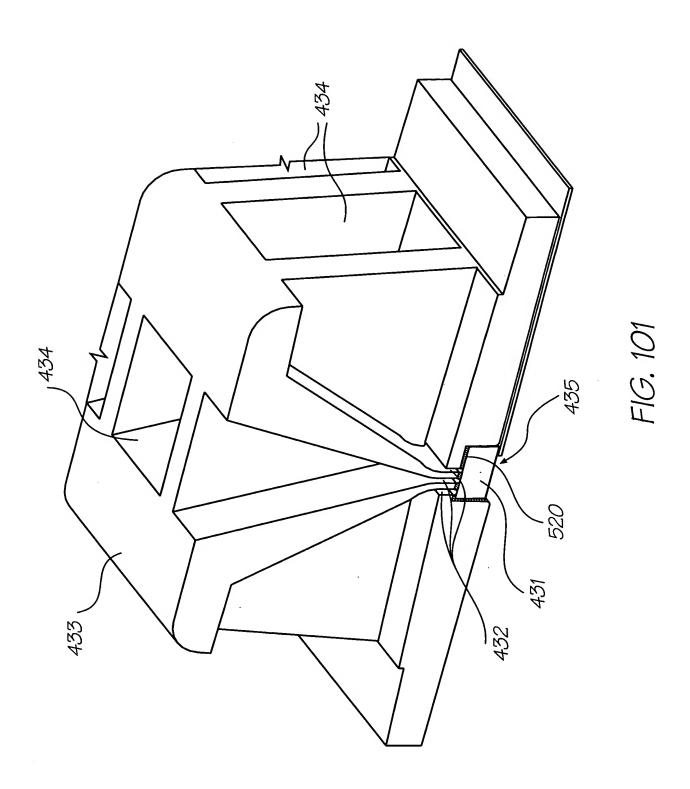


FIG. 100





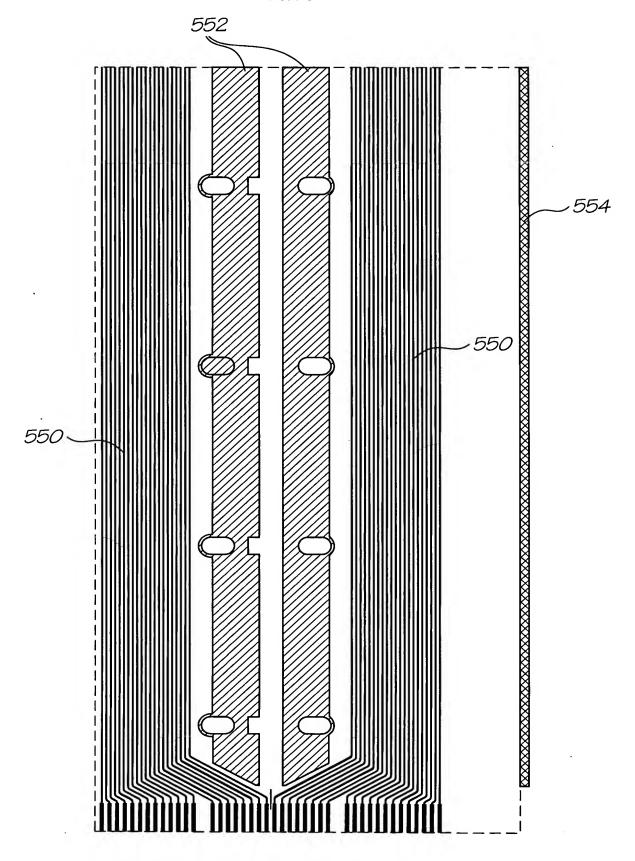


FIG. 102

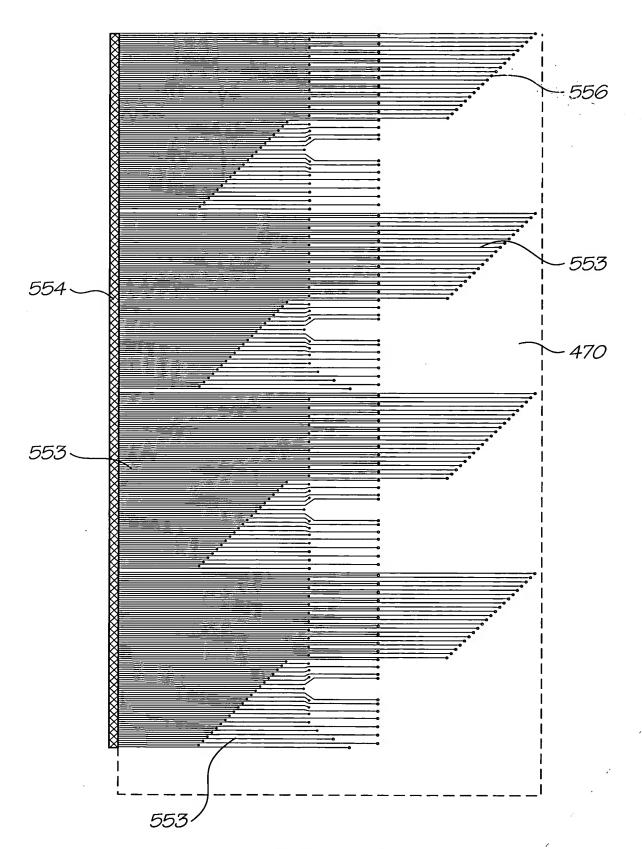


FIG. 103